IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application Nos.:
08/747,068; 08/701,813; 08/717,475;
09/510,420; 09/922,508; 09/991,380; and
09/811,355 Customer No.: 30678

Revocation and Power of Attorney

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

All previous powers of attorney and authorizations of agent are hereby revoked, and the undersigned hereby appoints the attorneys and agents of Connolly Bove Lodge & Hutz LLP associated with U.S. Patent and Trademark Office ("PTO") Customer Number 30678 to prosecute these applications and any U.S., foreign, or international applications under the Patent Cooperation Treaty based on them and to transact all business in the PTO connected therewith, and to receive all communications from the PTO, including the patent documents. Further details about each application are found in the Appendix to this paper. The authority under this Power of Attorney of each person listed under the aforementioned PTO Customer Number shall automatically terminate and be revoked upon such person ceasing to be associated with Connolly Bove Lodge & Hutz LLP.

Designation of Correspondence Address

Please send all notices, official letters, documents, communications, and other correspondence regarding these applications to:

Connolly Bove Lodge & Hutz LLP
1875 Eye Street NW, Suite 1100
Washington, DC 20006

or to the address currently associated with PTO Customer Number 30678. Please also record the respective Attorney Docket Numbers in the attached appendix in any applicable databases.

Certificate Under 37 C.F.R. § 3.73(b)

Roland KA LLC is the assignee of the entire right, title, and interest in these patents and applications by virtue of an assignment from Communications Test Design, Inc. to Roland KA LLC, recorded in the records of the PTO on January 17, 2008 at Reel 020371, Frame 0692. To the best of the undersigned's knowledge and belief, the titles are in the name of said assignee. The undersigned, whose title is supplied below, is empowered to sign this certificate on behalf of Roland KA LLC.

Signed: Pat Mathews Date: 22 January 2008
Name: Pat Mathews
Title: Authorized Person
Roland KA LLC

APPENDIX: DETAILS OF LISTED APPLICATIONS

Appln. No.	Confirmation No.	Patent No.	Filing Date	First Named Inventor	Title	Attorney Docket No.
08/747,068	8412	5,883,941	11-08-1996	Francis I. AKERS	HDSL AND POTS CARRIER SYSTEM	27592-00855-US
08/701,813	5978	6,118,766	08-21-1996	Francis I. AKERS	MULTIPLE ISDN CARRIER SYSTEM	27592-00860-US
08/717,475	6989	6,141,330	09-20-1996	Francis I. AKERS	MULTIPLE ISDN AND POTS CARRIER SYSTEM	27592-00862-US
09/510,420	1952	6,556,638	02-22-2000	Thomas L. BLACKBURN	METHOD AND APPARATUS FOR PROVIDING INCREASED DATA SPEED USING SYCHRONIZATION AND BIT ROBBING TECHNIQUES	27592-00865-US
09/922,508	8844	7,020,189	08-03-2001	Steven R. SWEITZER	METHOD AND APPARATUS FOR IMPLEMENTING DIGITAL FILTERS IN THE DATA PATH OF A PCM MODEM FOR EFFICIENT TRANSITION OF A SECOND ANALOG-TO-DIGITAL CONVERSION PROCESS	27592-00872-US
09/991,380	2667	7,023,877	11-15-2001	Thomas L. BLACKBURN	SMALL FORM FACTOR DIGITAL VOICE MULTIPLEXER WITH MULTIPLE DSL OUTPUTS	27592-00867-US
09/811,355	7783	7,023,911	03-16-2001	Steven R. SWEITZER	METHOD AND APPARATUS FOR ALTERING A ROUND TRIP DELAY MEASUREMENT IN A TELECOMMUNICATION SYSTEM TO ACCURATELY POSITION AN ECHO CANCELLER	27592-00869-US

587521